



# Anti-CXCL9 monoclonal antibody, clone 50207 (DCABY-4026)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	MIG, a member of the CXC subfamily of chemokines that lack the ELR domain, was initially identified as a lymphokine-activated gene in mouse macrophages. MIG is a chemoattractant for activated T cells and TIL, but not for neutrophils or monocytes.
<b>Specificity</b>	Detects human CXCL9/MIG in ELISAs and Western blots. In ELISAs, does not cross-react with recombinant mouse (rm)CXCL9, recombinant human CXCL10.
<b>Immunogen</b>	E. coli-derived recombinant human CXCL9/MIG. Thr23-Thr125 Accession Number Q07325
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	50207
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, Immunocytochemistry, ELISA Capture (Matched Pair), Intracellular Staining by Flow Cytometry, Neutralization
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl, 200 µl
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None

<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month from date of receipt, 2 to 8 °C, reconstituted.
	6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CXCL9 chemokine (C-X-C motif) ligand 9 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CXCL9
<b>Synonyms</b>	CXCL9; chemokine (C-X-C motif) ligand 9; CMK; MIG; Humig; SCYB9; crg-10; C-X-C motif chemokine 9; small-inducible cytokine B9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma;
<b>Entrez Gene ID</b>	<a href="#">4283</a>
<b>Protein Refseq</b>	<a href="#">NP_002407</a>
<b>UniProt ID</b>	<a href="#">Q07325</a>
<b>Chromosome Location</b>	4q21
<b>Pathway</b>	CXCR3-mediated signaling events; Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding;
<b>Function</b>	CXCR3 chemokine receptor binding; chemokine activity; cytokine activity; protein binding;